

**BOARD OF REGISTRATION
FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS**

**Results on Survey from spring 2005 *Board Journal*
Incidental Surveying Practice by Professional Engineers**

149 responses received

1. I have been licensed as a PE in Washington for:

| | |
|--------------------|-----|
| Less than 5 years | 13% |
| 5-10 years | 24% |
| 10-25 years | 39% |
| More than 25 years | 24% |

2. My Washington license is in:

| | |
|-------|-----|
| Civil | 82% |
| Other | 18% |

3. If you completed an engineering degree program, and it included some land surveying courses, how many credit hours of surveying courses were included?

| | |
|------------|-----|
| 3 | 22% |
| 6 | 29% |
| 9 | 16% |
| 10 or more | 33% |

4. Were you aware of the guiding policies regarding the practice of incidental surveying by professional engineers?

| | |
|-----|-----|
| Yes | 71% |
| No | 29% |

5. My practice can be best described as:

| | |
|------------------------------------|-----|
| Small firm, fewer than 5 employees | 44% |
| Moderate firm, 5-25 employees | 31% |
| Large firm, more than 25 employees | 25% |

6. My practice primarily involves work on projects:

| | |
|----------------------------------|-----|
| Within a major metropolitan area | 24% |
| In suburban residential areas | 33% |
| In rural/farming areas | 29% |
| In remote forest lands | 14% |

7. My primary clientele can best be described as:

| | |
|------------------------------------|-----|
| Private home owners | 17% |
| General contractors | 9% |
| Local business / Land developers | 18% |
| Commercial / Industrial Businesses | 19% |
| Government | 32% |
| Other | 6% |

8. If you need accurate topographic mapping information and you do not have the resources or interest to perform this yourself, how do you obtain what you need?

| | |
|---|-----|
| Use the topographic information provided by my client | 11% |
| Obtain what I need from public record sources | 7% |
| Hire a land surveyor to perform the work I need | 31% |
| Have the work done under a land surveyor employee in our firm | 8% |
| Combinations of two or more of the above | 42% |

9. What factors do you consider in determining when you will perform the topographic mapping?

| | |
|---|-----|
| Complexity and accuracy of the topographic information needed | 25% |
| My knowledge and competency of the work to be performed | 21% |
| The resources I have at my disposal | 18% |
| The impact on project schedule | 13% |
| The impact on project costs | 11% |
| The reliability of having it done by others | 12% |

10. If you perform this work or have it performed under your direct supervision as a PE, on average, how often do you provide this service?

| | |
|---------------------------|-----|
| No more than once a month | 55% |
| 2 to 3 times a month | 11% |
| 3 to 5 times a month | 28% |
| Over 5 times a month | 6% |

11. If the Board decided to instruct PEs that topographic mapping was no longer permissible under the scope of engineering practice, to what extent would that change in policy shape your practice?

| | |
|---|-----|
| Little or none | 11% |
| Some inconvenience, no additional costs to clients expected | 5% |
| Moderate changes that could impact clients | 37% |
| Significant impact on my practice and organization | 45% |
| Not certain | 1% |